

### **Remarks**

Claims 1 - 31 remain in this application. No claims have been cancelled. Claims 1 – 10 have been amended to more properly define the invention. The amended claims are supported by the specification. Claims 11 – 31 have been added. No new matter has been added. The Applicant respectfully requests reconsideration of this application in view of the above amendments.

### **Conclusion**

The pending claims are believed to be in condition for allowance. If the Examiner finds any remaining impediment to the prompt allowance of these claims that could be clarified with a telephone conference, the Examiner is respectfully requested to contact Brent Vecchia at (303) 740-1980.

### **Charge our Deposit Account**

Please charge any shortage to our Deposit Account No. 02-2666.

Respectfully submitted,

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Date: NOVEMBER 18, 2002

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**VERSION WITH MARKINGS TO SHOW CHANGES MADE**

**In the Claims:**

1. (Amended) A [cassette-based hydrogen fuel distribution and recovery] system comprising:  
  
a hydrogen fuel cassette, the fuel cassette including a hydrogen containing core fuel material; and  
  
a [decom] hydrogen recovery unit to receive the fuel cassette, to recover hydrogen-based fuel from the core fuel material of the fuel cassette, and to provide the hydrogen-based fuel as output.
2. (Amended) A [hydrogen fuel cassette] system comprising:  
  
a cassette housing defining at least one interior region; and  
  
a hydrogen containing core fuel material stored in the at least one interior region.
3. (Amended) The [hydrogen fuel cassette] system of claim 2 further including an electronic device to store information related to the cassette.
4. (Amended) The [hydrogen fuel cassette] system of claim 2 further including a memory and telemetry circuit to transmit fuel cassette information to a remote receiver.
5. (Amended) The [hydrogen fuel cassette] system of claim 2 wherein the core fuel material [is] comprises a massively catalyzed water.
6. (Amended) The [hydrogen fuel cassette] system of claim 2 wherein the core fuel material [is] comprises a solid alloy.

7. (Amended) A hydrogen [decompression (decom)] recovery unit comprising:
- a hydrogen fuel cassette receiving module to receive a removably insertable hydrogen fuel cassette having a hydrogen containing core fuel material therein;
- a processing module to extract the core fuel material from the hydrogen fuel cassette and to convert the core fuel material into hydrogen fuel; and
- an output port to transfer out the [processed] hydrogen fuel.
8. (Amended) The [hydrogen decomposition (decom)] unit of claim 7 further including an integrated fuel cell to self-power the [decom] unit.
9. (Amended) The [hydrogen decomposition (decom)] unit of claim 7 wherein the core fuel material [is] comprises a massively catalyzed water.
10. (Amended) The [hydrogen decomposition (decom)] unit of claim 7 wherein the core fuel material [is] comprises a solid alloy.

Claims 11 – 31 are new.